

Fig. 1. A upper mismatched layer where some of the strain has relaxed by the formation of mismatch dislocations

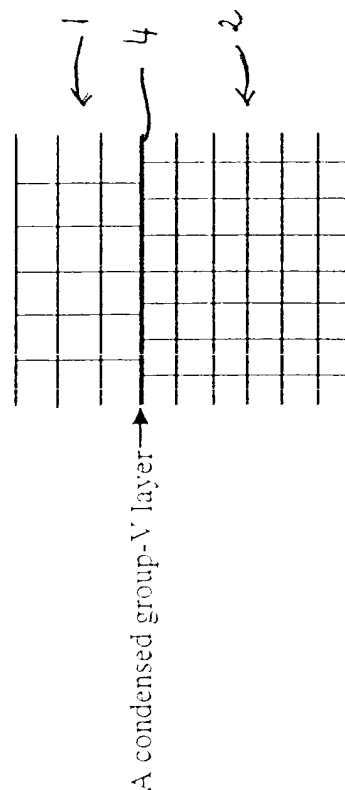


Fig. 2. Schematic representation of how lattice mismatch is taken by a condensed layer of group-V species in this invention.

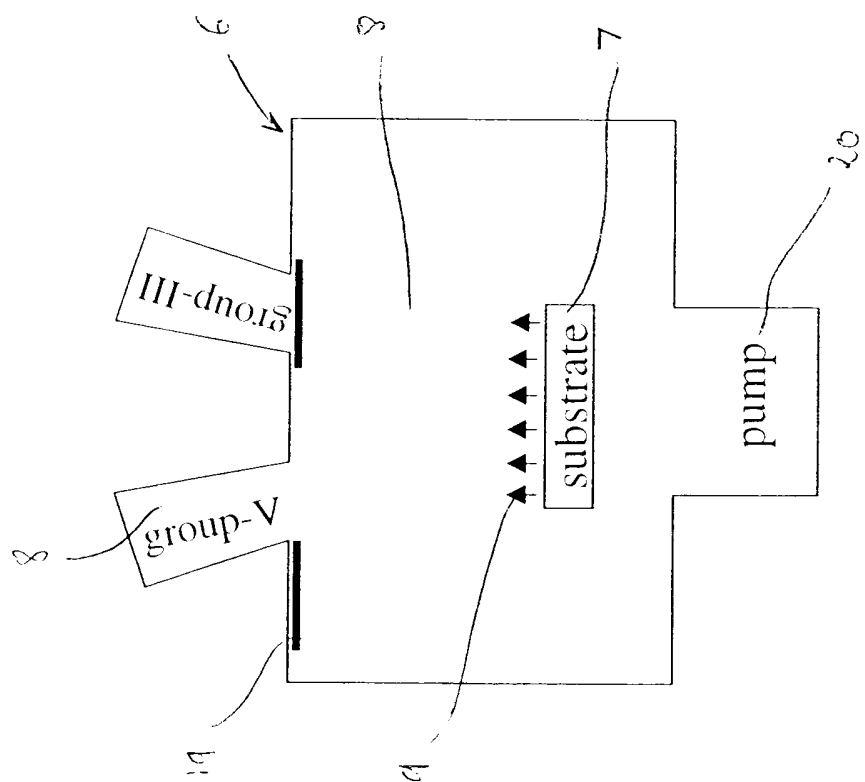


Fig. 3

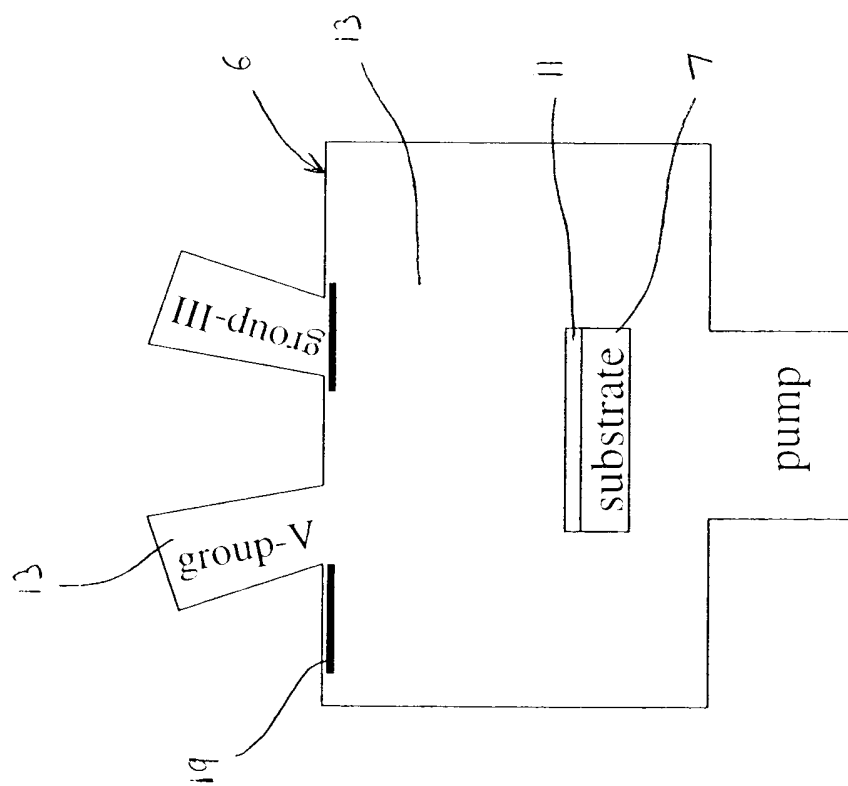


Fig. 4

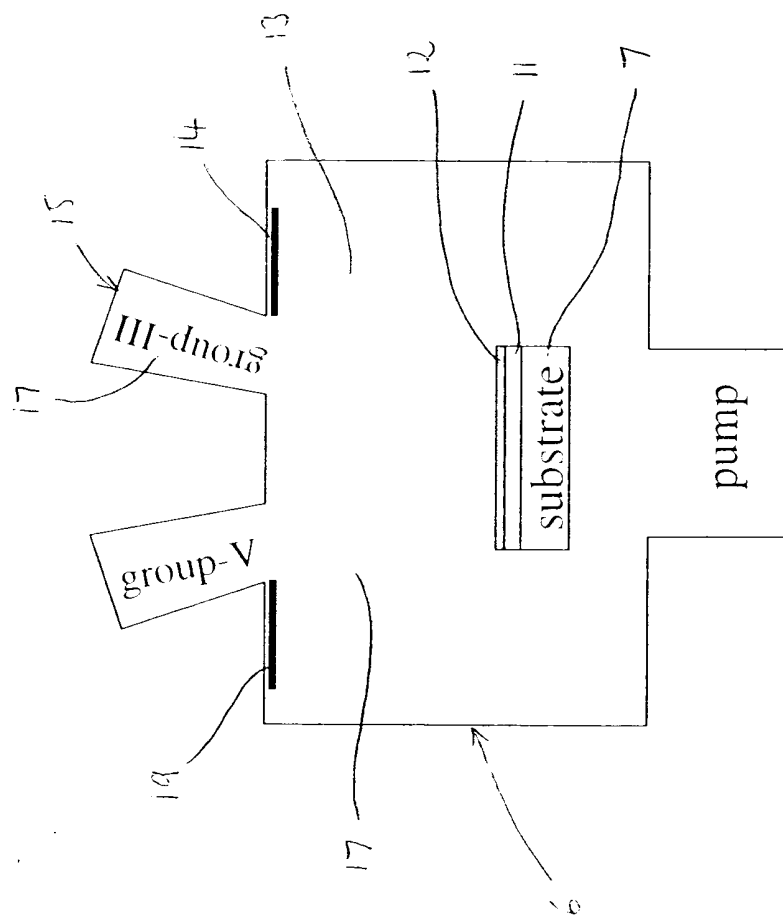


Fig. 5

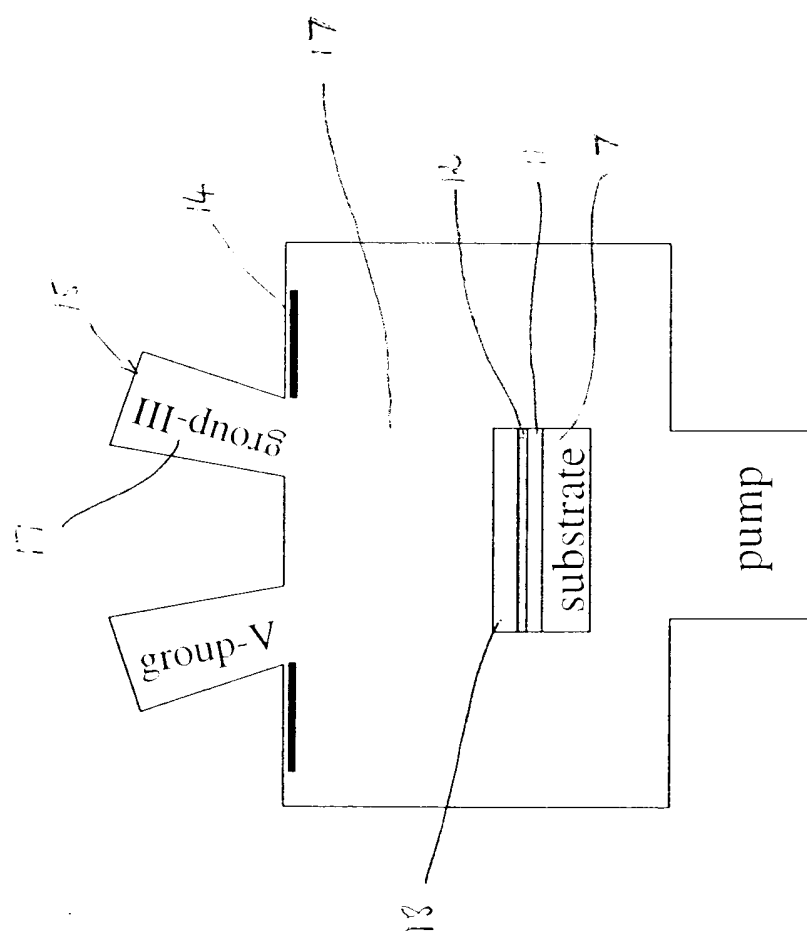


Fig. 6

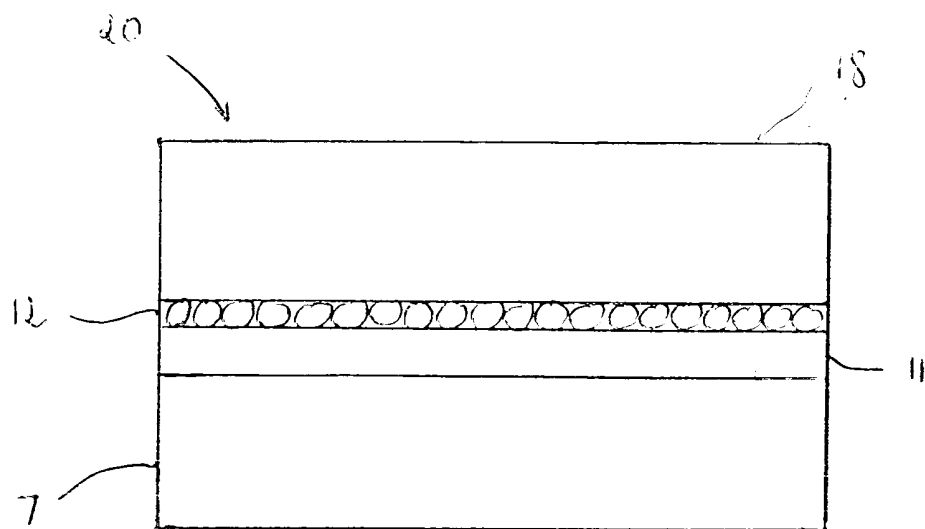


Fig. 7

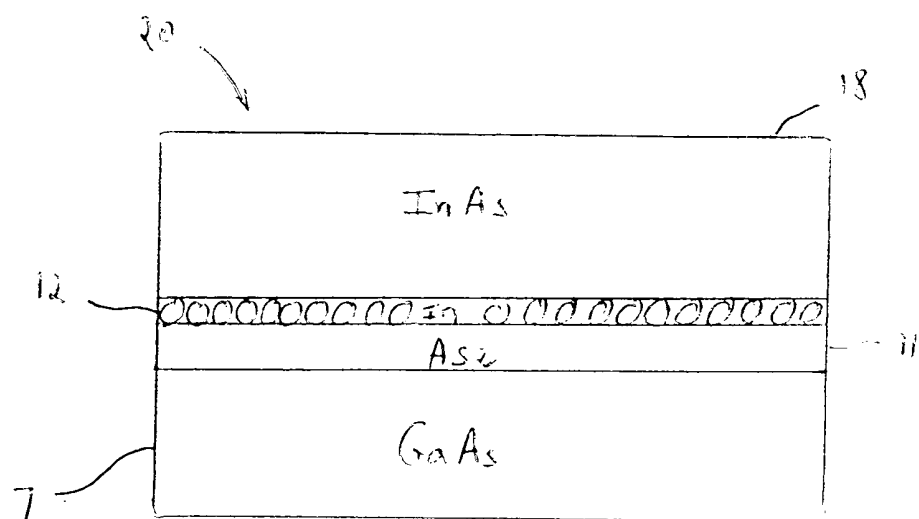


Fig. 8